As a below named inventor, I hereby declare that:

is attached hereto.

[x]

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled AN INTERLEAVED WEIGHTED FAIR QUEUING MECHANISM AND SYSTEM, the specification of which:

	[]	was filed on	Io	as		
	[]	and was amended or	(if applicable)			
	[]	with amendments th		olicable)		
identified sp above.		•	viewed and understand to as, as amended by any a			
patentability			isclose information whi f Federal Regulations, S		erial to	
and have als	(d) of an so identif	y foreign application(stied below any foreign	ity benefits under Title s) for patent or inventor application for patent o cation on which priority	's certifica r inventor	ite listed 's certifi	below
Prior Foreig	n Applic	eation(s)		Pri	ority Cla	aimed
(Number)	-	(Country)	(Day/Month/Year	Filed)	[] Yes	[ ] No
any United S		by claim the benefit un	nder Title 35, United Stated below:	ates Code	, Sec. 11	9(e) of

Provisional Application No.

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Hall from 14011 U.S. S.E., The

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I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s), or Sec. 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(App. Serial No.)	(Filing Date)	(Status -patented, pending, etc.)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Yao-Min Chen

Inventor's signature:

San Jose, California

Citizenship:

Residence:

Taiwan

Post Office address:

327 Avenida Nogales

San Jose, California 95123

Full name of second co-inventor: Heeloo Chung

Inventor's signature: (Date)

Residence:	San Francisco, California	
Citizenship:	U.S.	
Post Office address:	421 Hazelwood Avenue San Francisco, California 94127	
Full name of third co-inventor: 2	Zhijun Tong	
Inventor's signature:		(Date)
Residence:	Fremont, California	
Citizenship:	U.S.	
Post Office address:	236 Rabbit Court Fremont, California 94539	
Full name of fourth co-inventor:	Eugene Lee	
Inventor's signature:		(Date)
Residence:	San Jose, California	
Citizenship:	U.S.	
Post Office address:	1175 Starling Ridge Court San Jose, California 95120	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled AN INTERLEAVED WEIGHTED FAIR QUEUING MECHANISM AND SYSTEM, the specification of which:

	[x]	is attached hereto.				
	[]	was filed on Application Serial No		_as		
	[]	and was amended on	(if applicable)			
	[]	with amendments through	i(if applie	cable)		
identified spec above.		by state that I have reviewed on, including the claims, as				
patentability a		owledge the duty to disclored in Title 37, Code of Fed			ial to	
and have also	l) of any identifi	by claim foreign priority by foreign application(s) for ed below any foreign apple fore that of the application	patent or inventor's ication for patent or i	certificate inventor's	listed certific	below
Prior Foreign	Applica	ation(s)		Prior	ity Clai	imed
(Number)		(Country)	(Day/Month/Year F	iled)	[] Yes	[] No
any United St		by claim the benefit under visional application listed		es Code, S	Sec. 119	e) of

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s), or Sec. 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(App. Serial No.)	(Filing Date)	(Status -patented, pending, etc.)
true and that all statemen further that these stateme the like so made are puni 18 of the United States C	ts made on information and I nts were made with the know shable by fine or imprisonme	de herein of my own knowledge are belief are believed to be true; and wledge that willful false statements and ent, or both, under Section 1001 of Title se statements may jeopardize the n.
Full name of sole or firs	t inventor: Yao-Min Chen	ı
Inventor's signature:		(Date)
Residence:	San Jose, California	
Citizenship:	Taiwan	
Post Office address:	327 Avenida Nogales San Jose, California 95	123

Inventor's signature:

Full name of second co-inventor: Heeloo Chung

(Date)

Residence:	San Francisco, California	
Citizenship:	U.S.	
Post Office address:	421 Hazelwood Avenue San Francisco, California 94127	
Full name of third co-inventor:	Zhijun Tong	
Inventor's signature:		(Date)
Residence:	Fremont, California	
Citizenship:	U.S.	
Post Office address:	236 Rabbit Court Fremont, California 94539	
Full name of fourth co-inventor	: Eugene Lee	
Inventor's signature:		(Date)
Residence:	San Jose, California	
Citizenship:	U.S.	
Post Office address:	1175 Starling Ridge Court San Jose, California 95120	

As a below named inventor, I hereby declare that:

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	[X]	is attached hereto.				
	[]	was filed on Application Serial N	10.	_as		
	[]	and was amended or	(if applicable)			
	[]	with amendments th	rough(if applie	cable)		
identified speabove.	I here ecificati	by state that I have revon, including the clain	viewed and understand the	e conten endmen	ts of the	above- d to
patentability			lisclose information which f Federal Regulations, Se		erial to	
and have als	(d) of ar o identi	ny foreign application( fied below any foreign	rity benefits under Title 35 s) for patent or inventor's application for patent or in ecation on which priority i	certifica inventor	ate listed 's certifi	below
Prior Foreign	n Applio	cation(s)		Pri	ority Cla	nimed
(Number)		(Country)	(Day/Month/Year F	iled)	[] Yes	[ ] No
any United S		by claim the benefit u ovisional application l	nder Title 35, United State isted below:	es Code	, Sec. 11	9(e) of

Provisional Application I	<u>No.</u>	Filing Date
United States application the United States, listed by application is not discloss manner provided by the facknowledge the duty to Title 37, Code of Federal	(s), or Sec. 365(c) of any PC7 pelow and, insofar as the subjected in the prior United States of Tist paragraph of Title 35, Undisclose information which is	5, United States Code, Sec. 120 of an I International application designating ect matter of each of the claims of this or PCT International application in the lited States Code, Sec. 112. I smaterial to patentability as defined in became available between the filing atternational filing date of this
(App. Serial No.)	(Filing Date)	(Status -patented, pending, etc.)
validity of the application	or any patent issued thereon st inventor: Yao-Min Chen	e statements may jeopardize the
Inventor's signature:		(Date)
Residence:	San Jose, California	. (2 111)
Citizenship:	Taiwan	
Post Office address:	327 Avenida Nogales San Jose, California 951	23
Full name of second co-	inventor: Heeloo Chung	
Inventor's signature:		

(Date)

Residence:	San Francisco, California	
Citizenship:	U.S.	
Post Office address:	421 Hazelwood Avenue San Francisco, California 94127	
Full name of third co-inventor: 2	Zhijun Tong	
Inventor's signature:	and a	(Date)
Residence:	Fremont, California	
Citizenship:	U.S.	
Post Office address:	236 Rabbit Court Fremont, California 94539	
Full name of fourth co-inventor:	Eugene Lee	
Inventor's signature:		(Date)
Residence:	San Jose, California	
Citizenship:	U.S.	
Post Office address:	1175 Starling Ridge Court San Jose, California 95120	

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	[]	was filed on Application Serial No	as		
	[]	and was amended on	(if applicable)		
	[]	with amendments through	(if applicable)		
identified spec above.	I hereb	by state that I have reviewe on, including the claims, as	d and understand the conten amended by any amendmen	ts of the a	above- l to
patentability a	I acknoss define	owledge the duty to disclosed in Title 37, Code of Fed	se information which is mate eral Regulations, Sec. 1.56.	erial to	
and have also	l) of any	y foreign application(s) for ied below any foreign appli	enefits under Title 35, United patent or inventor's certifical cation for patent or inventor on which priority is claimed	ite listed l 's certific	below
Prior Foreign	Applica	ation(s)	Pri	ority Clai	imed
(Number)		(Country)	(Day/Month/Year Filed)	[] Yes	[ ] No
any United St		by claim the benefit under ovisional application listed	Title 35, United States Code below:	, Sec. 119	9(e) of

(Date)

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United States application(sthe United States, listed be application is not disclosed manner provided by the fir acknowledge the duty to disclosed the duty the duty to disclosed the duty the duty to	ly, or Sec. 365(c) of any PCT low and, insofar as the subject in the prior United States of the paragraph of Title 35, United States information which is Pegulations, Sec. 1,56 which	International application designating ect matter of each of the claims of this r PCT International application in the ited States Code, Sec. 112. I material to patentability as defined in a became available between the filing atternational filing date of this
(App. Serial No.)	(Filing Date)	(Status -patented, pending, etc.)
further that these statements the like so made are punis 18 of the United States Covalidity of the application	s made on information and buts were made with the known hable by fine or imprisonme	
Inventor's signature:		(Date)
Residence:	San Jose, California	
Citizenship:	Taiwan	
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Full name of second co-	inventor: Heeloo Chung	
Inventor's signature:		

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Full name of third co-inventor: Z	Zhijun Tong	
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Citizenship:	U.S.	
Post Office address:	236 Rabbit Court Fremont, California 94539	
Full name of fourth co-inventor:	Eugene Lee	
Inventor's signature:	enge Lu -	(D-10-00 (Date)
Residence:	San Jose, California	
Citizenship:	U.S.	

1175 Starling Ridge Court San Jose, California 95120

PATENT APPLICATION Attorney's Do. No. 3981-3

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Yao-Min Chen, Heeloo Chung, Zhijun Tong and Eugene Lee Serial No.

Filed:

AN INTERLEAVED WEIGHTED FAIR QUEUING MECHANISM AND For:

**SYSTEM** 

**Box Patent Application** Assistant Commissioner for Patents Washington, D.C. 20231

## POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST AND REVOCATION OF PRIOR POWERS

SOM SIKDAR, CTO,

I, Naresh Nigam, Director, of FORCE10 NETWORKS, Inc., having a place of business at 1440 McCarthy Boulevard, Milpitas, California 95035, assignee of the entire right, title and interest of the above-described U.S. patent application, by the assignment submitted under separate cover for recordal (copy enclosed), represent that I am empowered to sign on behalf of assignee.

As assignee of the above identified application, all powers of attorney previously given are hereby revoked and the following attorneys and/or patent agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Customer No. 20575



Attorney Name	Registration No.
Jerome S. Marger	26,480
Alexander C. Johnson, Jr.	29,396
Alan T. McCollom	28,881
James G. Stewart	32,496
Glenn C. Brown	34,555
Stephen S. Ford	35,139
Julie L. Reed	35,349
Gregory T. Kavounas	37,862
Scott A. Schaffer	38,610
Joseph S. Makuch	39,286
James E. Harris	40,013
Graciela G. Cowger	42,444
Ariel Rogson	43,054
Craig R. Rogers	43,888

Direct all telephone calls to Stephen S. Ford at (503) 222-3613 and send all correspondence to:

Marger Johnson & McCollom, P.C. 1030 S.W. Morrison Street Portland, Oregon 97205

FORCE10 NETWORKS, INC.

Date: 28 Sept 2000

Naresh Nigam

SOM SIKDAR

CTO



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assista	ATENT APPLICATION nt Commissioner for Patents gton, D.C. 20231		68776 768776 13700
	Please record the attached original document or copy the	reof and return the recorded instrument to the undersigned.	10
1.	Name of party(ies) conveying an interest:	<ol> <li>Yao-Min Chen</li> <li>Heeloo Chung</li> <li>Zhijun Tong</li> <li>Eugene Lee</li> </ol>	Ť .
2.	Name and address of party(ies) receiving an interest:	Force10 Networks, Inc. 1440 McCarthy Boulevard Milpitas, California 95035	·
3.	Description of the interest conveyed:		
	☐ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger		
	Date of execution of attached document:	<ol> <li>September 28, 2000</li> <li>October 11, 2000</li> <li>October 9, 2000</li> <li>October 10, 2000</li> </ol>	
4.	4. Application number(s) or patent number(s). Additional sheet attached? Yes NoX  If this document is being filed together with a new application, the execution date of the application is:		
		<ol> <li>September 28, 2000</li> <li>October 10, 2000</li> <li>October 6, 2000</li> <li>October 10, 2000</li> </ol>	
	A. Patent Application No.	B. Patent No.	
5.	Name and address of party to whom correspondence con	pondence concerning document should be mailed:	
	MARGER JOHNSON & McCOLLOM, P.C. 1030 S.W. Morrison Street Portland, Oregon 97205 Telephone: (503) 222-3613		
6.	Number of applications and patents involved: 1		
7.	Enclosed is our check for \$1,108.00 which includes our \$40 assignment recordal fee.		
8.	Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.		
9.	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		by of the original
	Dated: October 13, 2000		
)/19/2000	AZERGAW1 00000049 09687762	Respectfully submitted, MARGER JOHNSON & McCOLLOM, P.C. HEREBY CORRESPONDENCE  A CORRESPONDENCE  CORRESPONDENC	ENTIFY THAT THIS E IS BEING DEPOSITED
1030 S Portlan	40.00 DP SER JOHNSON & McCOLLOM, P.C. W Morrison Street d, OR 97205 22-3613	James E. Harris Reg. No. 40,013  Total number of pages comprising cover sheet and attached assignment: 6  With the united As First Class ADDRESSED to:  COMMISSIC TRADEMARKS. WASHING ASSISTAN  ASSISTAN	STATES POSTAL SERVICE MAIL IN AN ENVELOPE ONER OF PATENTS AND ASHINGTON D.C. 20231 T COMMISSIONER FOR TOMMISSIONER FOR 2000 CRYSTAL DRIVE
			· /

# PATENT APPLICATION PATENT Attorney's Do. No. 3981-3

#### ASSIGNMENT

Assignor:

Yao-Min Chen

Address:

327 Avenida Nogales

San Jose, California 95123

Assignor:

Heeloo Chung

Address:

421 Hazelwood Avenue

San Francisco, California 94127

Assignor:

Zhijun Tong

Address:

236 Rabbit Court

Fremont, California 94539

Assignor:

Eugene Lee

Address:

1175 Starling Ridge Court

San Jose, California 95120

Assignee:

Force10 Networks, Inc.

Address:

1440 McCarthy Boulevard

Milpitas, California 95035

Title of

Invention:

AN INTERLEAVED WEIGHTED FAIR QUEUING MECHANISM

AND SYSTEM

U.S. Patent Application:

Application Serial No.:

Filing Date:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at force ( Networks, Milpitas, CA, this 28 day of , 2000.

Yao-Min Chen Assignor

STATE OF California )
County of Santa Clara )
ss.

Before me this 28 th day of September, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Firstine Hernandez
Notary Public for

My commission expires: 12/10/2003

Executed at <u>Force 10 Webworks</u>, <u>Milpitas CA</u>, this <u>II</u> day of 95035 October, 2000.

Hocko Chung Assignor

STATE OF California )
County of Santa Clara )

Before me this 11th day of October, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Notary Public for

My commission expires: 12/10 (2003

Executed at force will works, 1440 McCathy this 975 day of Oct., 2000.

Zhijun Tong Assignor

STATE OF California )

Before me this 9 + b day of 0 + b day of 0 + b, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

KRISTINE HERNANDEZ
Comm. # 1245315
NOTARY PUBLIC-CALIFORNIA
Santa Clara County
My Comm. Expires Dec. 10, 2003

Notary Public for

My commission expires: 12/10/2003

1440 Mc Carry Blud Executed at <u>force 10 Networks</u> Milpitas CA, this 10 th day of 95035

October, 2000.

Assignor

STATE OF California )
ss. County of Santa clara )

Before me this 10th day of 0ctober, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

KRISTINE HERNANDEZ Comm. # 1245315 Santa Clara County My Comm. Expires Dec. 10, 2003

Notary Public for
My commission expires: 12/10/2003